IMPLANTABLE DEVICE FOR MONITORING ANEURYSM SAC PARAMETERS

ABSTRACT

A device for measuring physiological parameters within an aneurysm sac that has been excluded from blood flow by an endoprosthesis. The device is comprised of at least two sensors, one placed in the aneurysm sac and another in a systemic artery. A differential between the readings of the two sensors can then be calculated, making the device easily calibrated *in vivo* and insensitive to changes in atmospheric pressure.